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(54) Title: POROUS MATERIAL AND METHOD OF PRODUCTION THEREOF

(57) Abstract: The present invention relates to a method for producing a porous material comprising the steps of: (a) providing a C/W emulsion comprising an aqueous phase, a matrix building material, a surfactant and liquid CO₂ phase; (b) at least partially freezing the aqueous phase; (c) gasifying CO₂ from the liquid CO₂ phase to form an intermediate porous material; (d) venting the gasified CO₂ from the intermediate porous material; and (e) freeze drying the intermediate porous material at least substantially to remove the aqueous phase and form the porous material. The present invention also relates to a porous material obtainable by the method.

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